

Amendments to the Claims:

Please amend the claims as follows:

1. (Original) A fuel composition comprising:

- (i) a fuel; and
- (ii) a film-forming additive;

wherein the fuel comprises diesel and a fuel alcohol; and

wherein the film-forming additive is present in the fuel composition in an amount of less than 0.1 wt%.

2. (Original) A fuel composition according to claim 1 wherein the film-forming additive is present in the fuel composition in an amount of less than 0.01wt%.

3. (Currently Amended) A fuel composition according to claim 1 ~~or 2~~ wherein the fuel alcohol is present in the fuel in an amount of 1 to 30% by volume.

4. (Cancelled)

5. (Currently Amended) A fuel composition according to claim 1 ~~The invention according to any one of the preceding claims~~ wherein the fuel further comprises a co-solvent.

6. (Original) The invention according to claim 5 wherein the co-solvent is an alcohol.

7. (Currently Amended) A fuel composition ~~The invention~~ according to claim 5~~or 6~~ wherein the co-solvent ~~ee-solvent~~ has the formula $R^1O(CH_2CH_2O)_nH$, wherein n is a number from 0 to 10 and R^1 is a C₁₋₃₀ hydrocarbyl group.

8. (Currently Amended) A fuel composition ~~The invention~~ according to claim any one of claims 5 to 7 wherein the co-solvent is selected from:

- (i) $R^1O(CH_2CH_2O)_nH$ wherein n is 0 and R^1 is ethylhexyl; and
- (ii) $R^1O(CH_2CH_2O)_nH$ wherein n is from 2 to 3 and R^1 is a C₅ to C₁₅ alkyl.

9. (Currently Amended) A fuel composition ~~The invention~~ according to claim 1 any one of the preceding claims wherein the fuel further comprises a surfactant.

10. (Currently Amended) A fuel composition ~~The invention~~ according to claim 9 wherein the surfactant has the formula $R^2(CO)_m-N(CH_2CH_2OH)_2$ wherein m is 0 or 1 and R^2 is a C_{1-30} hydrocarbyl group.

11. (Currently Amended) A fuel composition ~~The invention~~ according to claim 10 wherein R^2 is a C_{8-22} hydrocarbon group.

12. (Currently Amended) A fuel composition ~~The invention~~ according to claim 10 any one of claims 9 to 11 wherein the surfactant is selected from:

- (i) $R^2(CO)_m-N(CH_2CH_2OH)_2$ wherein R^2 is a C_{18} alkenyl and m is 0; and
- (ii) $R^2(CO)_m-N(CH_2CH_2OH)_2$ wherein R^2 is a saturated or unsaturated C_{17} hydrocarbon and m is 1.

13. (Currently Amended) A fuel composition ~~The invention~~ according to claim 9 any one of the preceding claims wherein the fuel further comprises a co-solvent of formula $R^1O(CH_2CH_2O)_nH$ wherein n is 0 and R^1 is ethylhexyl; and a surfactant of formula $R^2(CO)_m-N(CH_2CH_2OH)_2$ wherein R^2 is a C_{18} alkenyl and m is 0.

14. (Currently Amended) A fuel composition ~~The invention~~ according to claim any one of claims 1 to 12 wherein the fuel further comprises a co-solvent of formula $R^1O(CH_2CH_2O)_nH$ wherein n is from 2 to 3 and R^1 is a C_5 to C_{15} alkyl; and a surfactant of formula $R^2(CO)_m-N(CH_2CH_2OH)_2$ wherein R^2 is a saturated or unsaturated C_{17} hydrocarbon and m is 1.

15. (Currently Amended) A fuel composition ~~The invention~~ according to claim 1 any one of the preceding claims wherein the film-forming additive comprises a functional group selected from the group consisting of a carboxylic acid, a carboxylic ester, an alcohol, an amide and an amine.

16. (Currently Amended) A fuel composition ~~The invention~~ according to claim 15 ~~any one of the preceding claims~~ wherein the film-forming additive is one or more compounds selected from the group consisting of:

- (a) a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group;
- (b) the reaction product of a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with
 - (i) a reactive alcohol; and/or
 - (ii) an amine; and/or
 - (iii) an alcohol-amine; and/or
 - (iv) an amino acid;
- (c) a polymeric hydrocarbyl substituted with a hydroxy group and/or substituted with a group comprising a nitrogen; and
- (d) an aromatic ring system substituted with a hydroxy group and/or substituted with a group comprising an amine and optionally substituted with a hydrocarbon group.

17. (Currently Amended) A fuel composition ~~The invention~~ according to claim 16 wherein the C₅-C₁₀₀ hydrocarbyl is aliphatic.

18. (Currently Amended) A fuel composition ~~The invention~~ according to claim 16 or 17 wherein the C₅-C₁₀₀ hydrocarbyl is a C₅-C₁₀₀ hydrocarbon.

19. (Currently Amended) A fuel composition ~~The invention~~ according to claim any one of claims 16 to 18 wherein the C₅-C₁₀₀ hydrocarbyl is a C₅-C₁₀₀ alkyl or alkenyl.

20. (Currently Amended) A fuel composition ~~The invention~~ according to claim any one of claims 16 to 19 wherein the film-forming additive is (a) a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group having comprises a terminal carboxylic acid group.

21. (Currently Amended) A fuel composition ~~The invention~~ according to claim 20 wherein the C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group is linear.

22. (Currently Amended) A fuel composition ~~The invention~~ according to claim 20 or 21 wherein the C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group is

selected from the group consisting of lauric, myristic, myristoleic, palmitic, palmitoleic, stearic, elaidic, oleic and linoleic acid.

23. (Currently Amended) A fuel composition ~~The invention according to claim any one of claims 16 to 19 wherein the film-forming additive is (a)~~ a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group ~~and wherein the C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group~~ is substituted with at least two carboxylic acid groups.

24. (Currently Amended) A fuel composition according to claim 23 wherein the C₅-C₁₀₀ hydrocarbyl substituted with at least two carboxylic acid groups is a dimer-acid.

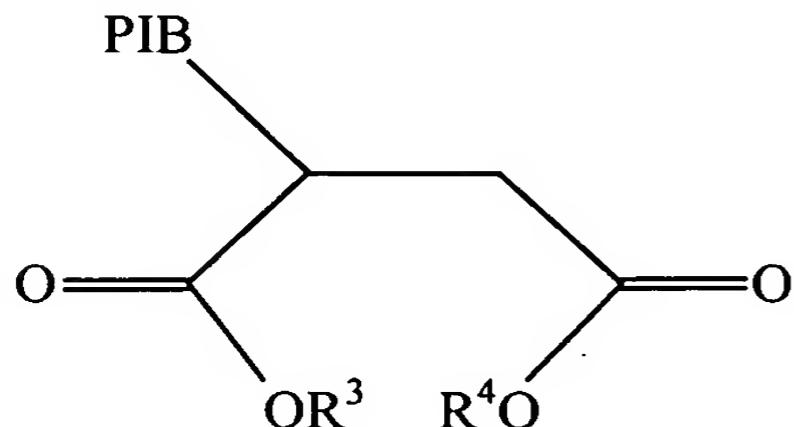
25. (Currently Amended) A fuel composition according to claim 23 wherein the C₅-C₁₀₀ hydrocarbyl substituted with at least two carboxylic acid groups is derived from maleic acid, maleic anhydride, succinic acid or succinic anhydride.

26. (Currently Amended) A fuel composition according to ~~claim 23 any one of the preceding claims~~ wherein the film-forming additive is the reaction product of a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with a reactive alcohol.

27. (Currently Amended) A fuel composition according to claim 26 wherein the reactive alcohol is a diol, a triol or a polyol.

28. (Currently Amended) A fuel composition according to claim 26 or 27 wherein the reactive alcohol is selected from the group consisting of ethylene glycol, propylene glycol, butylene glycol, glycerol, pentaerythritol and oligomers thereof.

29. (Currently Amended) A fuel composition according to claim 23 ~~any one of claims 26 to 28~~ wherein the film-forming additive is a compound of formula



wherein PIB is a polyisobutene group having an average molecular weight of from 200 to 300 and R³ and R⁴ are independently selected from -CH₂CH₂OH, -CH(CH₃)₂, and H with the proviso that R³ and R⁴ are not both H.

30. (Currently Amended) A fuel composition according to claim 29 ~~28~~ either R³ and R⁴ are both -CH₂CH₂OH or one of R³ and R⁴ is -CH₂CH₂OH and the other is -CH(CH₃)₂.

31. (Currently Amended) A fuel composition according to claim 16 wherein the film-forming additive is (c) a polymeric hydrocarbyl and the polymeric hydrocarbyl is a polymer of C₂-C₁₀ hydrocarbon monomers.

32. (Currently Amended) A fuel composition according to claim 31 wherein the polymeric hydrocarbyl is a polymer of C₂-C₄ hydrocarbon monomers.

33. (Currently Amended) A fuel composition according to claim 31 ~~or 32~~ wherein the polymeric hydrocarbyl is a primary alcohol.

34. (Currently Amended) A fuel composition according to claim 31 ~~or 32~~ wherein the polymeric hydrocarbyl is substituted with a group comprising an amide group..

35. (Currently Amended) A fuel composition according to claim 16 wherein the film-forming additive is (d) a substituted aromatic ring system which is the product of a Mannich reaction.

36. (Currently Amended) A fuel composition according to claim 1 ~~any one of the preceding claims~~ wherein the fuel alcohol is an aliphatic alcohol.

37. (Currently Amended) A fuel composition according to claim 36 ~~any one of the preceding claims~~ wherein the fuel alcohol is an alkanol comprising an alkyl group and a hydroxy group.

38. (Currently Amended) A fuel composition according to claim 37 wherein the alkyl group is linear.

39. (Currently Amended) A fuel composition according to claim 1 ~~any one of the preceding claims~~ wherein the fuel alcohol is a C₁-C₁₀ alcohol.

40. (Currently Amended) A fuel composition according to claim 39 ~~any one of the preceding claims~~ wherein the fuel alcohol is a C₁-C₅ alcohol.

41. (Currently Amended) A fuel composition according to claim 40 ~~any one of the preceding claims~~ wherein the fuel alcohol is selected from methanol, ethanol, propanol, and isopropanol, and mixtures thereof.

42. (Currently Amended) A fuel composition according to claim 41 ~~any one of the preceding claims~~ wherein the fuel alcohol is ethanol.

43. (Original) A process for supplying a fuel composition to a combustion engine wherein the process comprises

(i) pumping the fuel composition with a rotary pump to supply the fuel composition to the combustion engine

wherein the fuel composition comprises diesel, a fuel alcohol and a film-forming additive.

44. (Currently Amended) A process according to claim 43 wherein the pumping step pump supplies the fuel composition to the combustion engine at a rate which under normal design operating conditions would result in cavitation of the pump if operated with a fuel comprising diesel and the fuel alcohol in the absence of the film-forming additive.

45. (Currently Amended) A process according to claim 43 or 44 wherein the fuel composition comprises:

- (i) a fuel comprising diesel, a fuel alcohol, optionally a co-solvent, and optionally a surfactant; and
- (ii) less than 0.1 wt% of a film-forming additive is as defined in any one of claims 1 to 42.

46. (Cancelled)

47. (Cancelled)

48. (Cancelled)

49. (New) A fuel composition according to claim 13 wherein the film-forming additive is one or more compounds selected from the group consisting of:

- (a) a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group;
- (b) the reaction product of a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with
 - (i) a reactive alcohol; and/or
 - (ii) an amine; and/or
 - (iii) an alcohol-amine; and/or
 - (iv) an amino acid;
- (c) a polymeric hydrocarbyl substituted with a hydroxy group and/or substituted with a group comprising a nitrogen; and
- (d) an aromatic ring system substituted with a hydroxy group and/or substituted with a group comprising an amine and optionally substituted with a hydrocarbon group.

50. (New) A fuel composition according to claim 42 wherein the film-forming additive is one or more compounds selected from the group consisting of:

- (a) a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group;
- (b) the reaction product of a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with

- (i) a reactive alcohol; and/or
 - (ii) an amine; and/or
 - (iii) an alcohol-amine; and/or
 - (iv) an amino acid;
- (c) a polymeric hydrocarbyl substituted with a hydroxy group and/or substituted with a group comprising a nitrogen; and
 - (d) an aromatic ring system substituted with a hydroxy group and/or substituted with a group comprising an amine and optionally substituted with a hydrocarbon group.

51. (New) A process according to claim 43 wherein the film-forming additive is one or more compounds selected from the group consisting of:

- (a) a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group;
 - (b) the reaction product of a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with
 - (i) a reactive alcohol; and/or
 - (ii) an amine; and/or
 - (iii) an alcohol-amine; and/or
 - (iv) an amino acid;
- (c) a polymeric hydrocarbyl substituted with a hydroxy group and/or substituted with a group comprising a nitrogen; and
 - (d) an aromatic ring system substituted with a hydroxy group and/or substituted with a group comprising an amine and optionally substituted with a hydrocarbon group.

52. (New) A process for inhibiting and/or preventing cavitation in a fuel and/or reducing the effects of cavitation in a fuel, wherein the fuel comprises diesel and a fuel alcohol, comprising the step of mixing the fuel with less than 0.1 wt% of a film-forming additive.

53. (New) A process according to claim 52 wherein the film-forming additive is one or more compounds selected from the group consisting of:

- (a) a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group;
- (b) the reaction product of a C₅-C₁₀₀ hydrocarbyl substituted with at least one carboxylic acid group or comprising at least one carboxylic anhydride group with
 - (i) a reactive alcohol; and/or

- (ii) an amine; and/or
 - (iii) an alcohol-amine; and/or
 - (iv) an amino acid;
- (c) a polymeric hydrocarbyl substituted with a hydroxy group and/or substituted with a group comprising a nitrogen; and
- (d) an aromatic ring system substituted with a hydroxy group and/or substituted with a group comprising an amine and optionally substituted with a hydrocarbon group.